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CLAIMS

- 10 1. Radial bearing disposed between transmission parts rotating in opposition to one another at different speed, wherein the radial bearing (4) includes an inner (5) and/or outer sleeve (6) between which the rolling bodies and the transmission parts are disposed, **characterized in that** the inner (5) and/or outer sleeve (6) is provided with a coating which contains ZnNi or ZnFe and is applied galvanically before installation on or in the transmission part.
- 15 2. Radial bearing according to claim 1, **characterized in that** the inner (5) and/or outer sleeve (6) is part of a pressure medium operated radial bearing (4), and that inner (5) and/or outer sleeve (6) has openings (8) for passage of the pressure medium from and to a pressure medium feed bore (7) and a pressure medium bore (10) in the transmission parts.
- 20 3. Radial bearing according to claim 1 or 2, **characterized in that** the sleeves (5, 6) are arranged by means of a press-fit on or in the respective transmission part.
- 25 4. Radial bearing according to one of the claims 1 to 3, **characterized in that** the transmission part (clutch drum 9) interacting with the outer sleeve (6) is made of a cast iron material.